AMENDMENT TO THE CLAIMS

Claim 1. (Currently Amended) A replenishment toner for use in an image forming apparatus that detects a toner concentration in a two-component developer by use of a magnetic permeability detecting means and that ~~is initially loaded with an initial toner containing 0.5 to 1.5% by volume of toner particles with particle diameters of 5.04 μm or smaller~~ does not return to a developer unit a toner that remains on a photoconductive member after image transfer, the replenishment toner being fed to the developer unit when, as image formation proceeds, the magnetic permeability detecting means detects reduction of an initial toner contained in the developer originally loaded in the developer unit,

wherein ~~a content of toner particles with particle diameters of 5.04 μm or smaller contained in the replenishment toner is in a range from 0.75 to 5.25% by volume and simultaneously said range is from 1.5 to 3.5 times the percentage by volume of such toner particles contained in the initial toner~~ the initial toner and the replenishment toner have different particle size distributions,

a content of toner particles with particle diameters of 5.04 μm or smaller in the initial toner being in a range from 0.5 to 1.5% by volume,

a content of toner particles with particle diameters of 5.04 μm or smaller in the replenishment toner being in a range from 0.75 to 5.25% by volume,

a ratio of the content of toner particles with particle diameters of 5.04 μm or smaller in the replenishment toner to the content of toner particles with particle diameters of 5.04 μm or smaller in the initial toner being in a range from 1.5 to 3.5.

Claim 2. (Original) A replenishment toner as claimed in claim 1, wherein a median particle diameter on a volume basis of the replenishment toner is in a range from 8.0 to 12.0 μm.

Claim 3. (Previously Presented) A replenishment toner as claimed in claim 2, wherein a median particle diameter of the replenishment toner is equal to a median particle diameter of the initial toner.

Claim 4. (Previously Presented) The replenishment toner of claim 1, wherein the percentage by volume of toner particles with particle diameters of 5.04 μm or smaller contained in the replenishment toner is in a range from 2.0 to 2.5 times the percentage by volume of such toner particles contained in the initial toner.

Claim 5. (Previously Presented) The replenishment toner of claim 1, wherein the percentage by volume of toner particles with particle diameters of 5.04 μm or smaller contained in the replenishment toner is in a range from 1.7 to 3.3 times the percentage by volume of such toner particles contained in the initial toner.

Claim 6. (Previously Presented) A replenishment toner for use in an image forming apparatus that detects a toner concentration in a two-component developer by use of a magnetic permeability detecting means and that is initially loaded with an initial toner containing 0.6 to 1.0% by volume of toner particles with particle diameters of 5.04 μm or smaller,

wherein a percentage by volume of toner particles with particle diameters of 5.04 μm or smaller contained in the replenishment toner is in a range from 1.5 to 3.5 times the percentage by volume of such toner particles contained in the initial toner.

Claim 7. (Previously Presented) The replenishment toner of claim 6, wherein the percentage by volume of toner particles with particle diameters of 5.04 μm or smaller contained in the replenishment toner is in a range from 2.0 to 2.5 times the percentage by volume of such toner particles contained in the initial toner.

Claim 8. (Previously Presented) The replenishment toner of claim 6, wherein the percentage by volume of toner particles with particle diameters of 5.04 μm or smaller contained in the replenishment toner is in a range from 1.7 to 3.3 times the percentage by volume of such toner particles contained in the initial toner.

Claim 9. (New) A replenishment toner system comprising:

an initial toner having a first volume percentage of toner particles with particle diameters of 5.04 μm or smaller; and

a replenishment toner having a second volume percentage of toner particles with particle diameters of 5.04 μm or smaller, said second volume percentage is 1.5 to 3.5 times the first volume percentage.

Claim 10. (New) A method of copying on an electrophotographic copier having a developer unit, said method comprising:

feeding an initial toner into the developer unit, the initial toner having a second volume percentage of toner particles with particle diameters of 5.04 μm or smaller,

detecting the amount of initial toner present in the developer unit by a magnetic permeability detecting means,

feeding replenishment toner to the developer unit when the detecting means detects a certain reduction in the amount of initial toner in the developer unit,

wherein the replenishment toner has a first volume percentage of toner particles with particle diameters of 5.04 μm or smaller that is 1.5 to 3.5 times the second volume percentage.